

# Iowa Crops & Weather



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Iowa Field Office

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## Farmers Keep Busy

Over one-fourth of Iowa's soybean crop was harvested again last week. Some farmers worked on fall tillage as well as manure application as they waited for the corn to dry down further in the fields. Aflatoxin concerns continue to be raised. Dry conditions in parts of the state contributed to field fire problems.

There were **5.5 days suitable for fieldwork**, up from the previous week's 4.7 days. **Topsoil moisture** rated 20 percent very short, 23 percent short, 52 percent adequate, and 5 percent surplus across Iowa. **Subsoil moisture** rated 26 percent rated very short, 25 percent short, 45 percent adequate, and 4 percent surplus.

Field Crops Report: **Corn harvested** reached 20 percent complete which is ahead of last year, but 5 percentage points behind the normal 25 percent complete. The percent **moisture of field corn** was 20 percent, down from last week's rating of 24 percent. **Harvest corn percent moisture** was at 18 percent, which is 1 percentage point lower than the previous week and 2 percentage points below last year. **Corn lodging** rated 66 percent none, 26 percent light, 6 percent moderate and 2 percent heavy. **Corn ear droppage** rated 71 percent none, 24 percent light, 3 percent moderate, and 2 percent heavy. **Soybeans harvested** reached 78 percent complete, which is ahead of both last year and normal. **Soybeans lodging** rated 74 percent none, 23 percent light and 3 percent moderate. **Soybeans shattering** was rated at 66 percent none, 27 percent light, 6 percent moderate, and 1 percent heavy. **Grain movement** from farm to elevator was rated 19 percent none, 27 percent light, 33 percent moderate and 21 percent heavy.

Livestock, Pasture, and Range Report: **Pasture and range condition** was rated at 18 percent very poor, 25 percent poor, 30 percent fair, 24 percent good, and 3 percent excellent. Livestock were generally

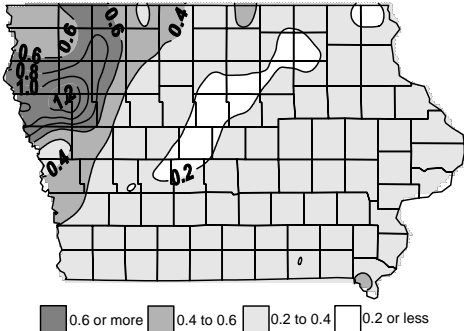
reported to be in good condition. Light frost minimized the number of insects and pests around livestock. Grazing of stubble fields was reported.

## Iowa Weather Summary

Very warm and humid air with daytime maximum temperatures in the 80s and even 90s dominated early in the week. More unusual, though, were minimum temperatures in the high 60s and low 70s at night over most of Iowa. Record warm minimum temperatures were set on both October 3 and 4 at Des Moines, Mason City, Waterloo, Ottumwa, and the Quad Cities. On October 4 the Quad Cities set records for the warmest maximum temperature (91°F) and warmest minimum temperature (72°F), with the latter also being the warmest minimum temperature ever recorded during the month of October in over 120 years of observations. Other warmest minimum temperatures on the 4th occurred in Lamoni and Dubuque, and unofficial records were set at more than 15 long term cooperative observer sites on both dates.

A strong cold front moved into western Iowa late on the 4th, with severe thunderstorms causing some high wind and hail damage in west-central and northwestern portions of the state. Rain amounts of 1 to 3 inches occurred in the Sioux City area, with the largest total of 2.72 inches reported at Correctionville, due east of Sioux City. Holstein also exceeded 2 inches, recording 2.15 inches for the event, and Sioux City itself had 1.66 inches. However, the heaviest storms traveled northeastward into Minnesota, and most of the state received less than half an inch of rain as the front rapidly swept eastward. Temperatures plunged 25-30°F after the front went through; Iowa average about 19°F above normal during October 3-5, and about 9°F below normal during October 6-9. The rest of the week was dry. The state precipitation average for the week was 0.40 inches, which was 69% of normal, and most of the state received less than this.

PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MON, OCT 10, 2005 (INCHES)



Statewide Crop Conditions as of October 9, 2005

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Range & Pasture	18	25	30	24	3

Statewide Harvesting Conditions as of October 9, 2005

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Corn lodging	66	26	6	2
Corn ear droppage	71	24	3	2
Soybeans lodging	74	23	3	0
Soybeans shattering	66	27	6	1

Statewide Post-Harvest Conditions

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Grain movement	19	27	33	21

Field Work and Crop Progress as of October 9, 2005

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn harvested (grain or seed)	17	11	28	22	18	23	25	21	26	20	12	15	25
Soybeans harvested	83	84	78	83	89	70	71	59	61	78	50	76	62

Days Suitable & Soil Moisture Condition as of October 9, 2005

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	Days 4.8	Days 5.0	Days 4.9	Days 5.8	Days 5.8	Days 6.0	Days 6.2	Days 5.4	Days 5.7	Days 5.5	Days 4.7	Days 5.7
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	0	0	2	25	13	37	40	50	26	20	20	13
Short	4	3	15	27	25	37	42	27	40	23	21	25
Adequate	91	63	81	47	61	26	18	22	34	52	52	58
Surplus	5	34	2	1	1	0	0	1	0	5	7	4
Subsoil moisture												
Very short	0	0	14	26	17	56	34	63	37	26	25	11
Short	7	1	17	36	26	32	44	25	50	25	25	27
Adequate	89	76	65	36	56	12	22	12	13	45	46	57
Surplus	4	23	4	2	1	0	0	0	0	4	4	5

Weather Summary For Iowa Agricultural Statistics Service										
STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
	North West District									
Estherville	88	30	57	5	0.23	-0.31	21.61	0.23	73	43
Sioux Center	91	28	58	3	0.48	-0.05	20.12	-0.70	75	32
Spencer	89	28	57	4	0.49	-0.06	22.51	0.28	79	45
Spirit Lake	87	31	54	2	0.50	-0.02	25.73	4.59	52	-7
North Central District										
Britt	87	30	57	2	0.19	-0.40	31.79	8.54	79	32
Humboldt	86	31	58	4	0.20	-0.40	29.13	5.29	83	47
Mason City	90	27	58	5	0.34	-0.31	34.60	9.96	82	45
Northwood	88	30	57	5	0.76	0.13	34.30	10.21	79	44
North East District										
Decorah	89	29	59	5	0.12	-0.50	24.78	0.56	84	40
Dubuque	87	33	60	6	0.24	-0.47	16.71	-9.72	89	48
Elkader	88	27	58	4	0.22	-0.41	22.74	-1.18	82	24
Independence	88	31	59	5	0.29	-0.36	28.33	2.78	85	31
Waterloo	89	28	59	6	0.33	-0.33	24.33	-0.36	92	52
West Central District										
Audubon	88	26	58	2	0.10	-0.62	21.54	-2.81	86	34
Carroll	90	29	59	4	0.05	-0.59	19.24	-5.83	86	44
Castana	89	29	57	0	0.10	-0.55	20.28	-2.32	75	30
Guthrie Center	89	25	58	4	0.08	-0.59	28.30	3.42	88	43
Harlan	91	29	59	4	0.34	-0.41	18.22	-6.63	85	40
Jefferson	89	29	59	5	0.21	-0.43	21.22	-3.85	87	45
Logan	91	29	59	3	0.72	0.05	20.43	-2.96	82	33
Rockwell City	88	29	57	2	0.10	-0.56	24.90	0.65	81	32
Sioux City	91	32	59	4	1.66	1.14	20.25	0.73	83	36
Central District										
Ames	88	29	60	6	0.13	-0.51	25.34	-0.52	89	46
Boone	87	30	59	4	0.04	-0.64	24.06	-1.31	84	35
Des Moines	88	34	61	4	0.36	-0.30	20.84	-3.01	94	36
Eldora	89	30	59	5	0.19	-0.45	23.64	-1.41	85	40
Marshalltown	88	28	59	6	0.21	-0.44	20.59	-4.87	88	45
Newton	87	32	59	3	0.39	-0.33	24.58	-0.05	86	33
Perry	88	29	59	5	0.06	-0.57	25.24	1.19	87	42
Toledo	87	30	58	4	0.30	-0.33	19.75	-5.91	83	40
East Central District										
Cedar Rapids	87	32	60	5	0.23	-0.39	19.36	-4.93	90	40
Davenport	89	35	62	5	0.60	-0.03	10.70	-12.91	96	37
Iowa City	91	35	63	5	0.25	-0.47	12.07	-14.36	102	37
Lowden	89	30	59	5	0.24	-0.45	16.22	-10.62	87	37
Maquoketa	88	35	60	6	0.26	-0.39	12.78	-11.87	86	43
Muscatine	88	35	61	3	0.56	-0.15	16.19	-8.73	88	45
South West District										
Clarinda	88	27	59	3	0.35	-0.39	26.01	-1.41	85	34
Glenwood	93	26	60	4	0.35	-0.32	20.53	-4.29	90	29
Oakland	89	29	59	4	0.45	-0.28	22.16	-2.36	84	38
Red Oak	90	29	61	3	0.25	-0.44	18.02	-8.99	94	33
Sidney	90	29	60	1	0.50	-0.24	20.26	-5.38	88	27
South Central District										
Allerton	85	31	59	2	0.71	-0.12	23.31	-2.93	81	51
Beaconsfield	84	31	58	2	0.20	-0.57	25.84	0.56	78	25
Chariton	86	26	59	2	0.39	-0.43	20.42	-6.51	85	31
Indianola	89	31	60	4	0.46	-0.27	21.36	-3.47	87	34
Leon	85	28	59	2	0.33	-0.45	19.54	-6.59	85	30
South East District										
Bloomfield	84	32	59	-1	0.17	-0.63	20.98	-5.57	81	16
Burlington	87	38	62	4	1.03	0.28	15.48	-9.08	92	31
Ottumwa	88	31	60	3	0.15	-0.56	17.03	-7.53	90	29

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit.  
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